

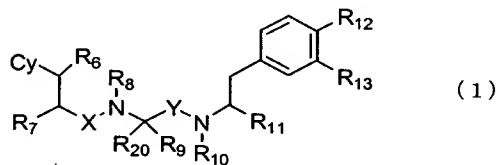


Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

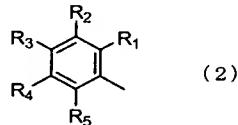
Listing of Claims:

1. (Currently Amended) A compound of Formula (1) :



wherein:

Cy is a group of Formula (2) :



C₃₋₇cycloalkyl or phenyl;

R₁, R₂, R₃, R₄ and R₅ are hydrogen, halogen, hydroxy, amino, trifluoromethyl or nitrile and at least one of R₁, R₂, R₃, R₄ and R₅ is halogen, trifluoromethyl or nitrile;

R₆ is hydrogen, optionally substituted straight-chained or branched C₁₋₃alkyl, amino or hydroxy;

R₇ is hydrogen, optionally substituted straight-chained or branched C₁₋₃alkyl, optionally substituted amino or hydroxy;

R₈ is hydrogen, methyl or ethyl;

R₉ is optionally substituted straight-chained or branched C₁₋₆alkyl, optionally substituted straight-chained or branched C₂₋₆alkenyl, optionally substituted straight-chained or branched C₂₋₆alkynyl, C₃₋₇cycloalkyl or optionally substituted phenyl;

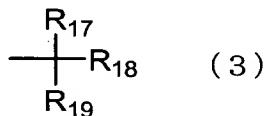
R₂₀ is hydrogen or straight-chained or branched C₁₋₃alkyl or R₉, and R₂₀ may together form C₃₋₇cycloalkyl;

R₁₀ is hydrogen or straight-chained or branched C₁₋₃alkyl;

R₁₁ is hydrogen, optionally substituted straight-chained or branched C₁₋₃alkyl, -CO-N(R₁₄)R₁₅, carboxyl;

R₁₂ is hydroxy or -OR₁₆;

R₁₃ is hydrogen, straight-chained or branched C₁₋₆alkyl, straight-chained or branched C₂₋₆alkenyl, straight-chained or branched C₂₋₆alkynyl or a group of Formula (3):



R₁₄ and R₁₅, which may be the same or different, are each hydrogen, optionally substituted straight-chained or branched C₁₋₄alkyl, C₃₋₇cycloalkyl, straight-chained or branched C₁₋₄alkyloxy, straight-chained or branched C₁₋₄alkylsulfonyl or a heterocyclic ring;

R₁₆ is straight-chained C₁₋₄alkyl;

R₁₇ is hydrogen or methyl;

R₁₈ and R₁₉, together form cycloalkyl or C₃₋₇cycloalkenyl;

X is carbonyl or methylene;

Y is carbonyl or methylene;

or a hydrate or pharmaceutically acceptable salt thereof.

2. (Original) The compound according to claim 1, wherein Cy in Formula (1) is a group of Formula (2); or a hydrate or pharmaceutically acceptable salt thereof.

3. (Original) The compound according to claim 1, wherein Cy in Formula (1) is a group of Formula (2) in which at least one of R₁, R₂, R₃, R₄ and R₅ is halogen and the others are hydrogen or hydroxy;

or a hydrate or pharmaceutically acceptable salt thereof.

4. (Original) The compound according to claim 1, wherein Cy in Formula (1) is a group of Formula (2) in which R₃ is halogen or R₂ and R₃ are the same kind of halogen; or a hydrate or pharmaceutically acceptable salt thereof.

5. (Original) The compound according to claim 1, wherein Cy in Formula (1) is a group of Formula (2) in which R₃ is halogen and R₁, R₂, R₄ and R₅ are hydrogen, or R₂ and R₃ are the same kind of halogen and R₁, R₄ and R₅ are hydrogen; or a hydrate or pharmaceutically acceptable salt thereof.

6. (Original) The compound according to claim 1, wherein Cy in Formula (1) is a group of Formula (2) in which at least one of R₁, R₂, R₃, R₄ and R₅ is trifluoromethyl and the others are hydrogen, halogen or hydroxy; or a hydrate or pharmaceutically acceptable salt thereof.

7. (Original) The compound according to claim 1, wherein Cy in Formula (1) is a group of Formula (2) in which at least one of R₁, R₂, R₃, R₄ and R₅ is nitrile and the others are hydrogen, halogen or hydroxy; or a hydrate or pharmaceutically acceptable salt thereof.

8. (Original) The compound according to claim 1, wherein Cy in Formula (1) is a group of Formula (2) in which R₃ is trifluoromethyl; or a hydrate or pharmaceutically acceptable salt thereof.

9. (Original) The compound according to claim 1, wherein Cy in Formula (1) is a group of Formula (2) in which R₃ is nitrile; or a hydrate or pharmaceutically acceptable salt thereof.

Claims 10-12. (Canceled)

13. (Previously Presented) The compound according to claim 1, wherein R₆ in Formula (1) is hydrogen or methyl; or a hydrate or pharmaceutically acceptable salt thereof.

14. (Previously Presented) The compound according to claim 1, wherein R₇ in Formula (1) is hydrogen or optionally substituted amino; or a hydrate or pharmaceutically acceptable salt thereof.

15. (Previously Presented) The compound according to claim 1, wherein R₈ in Formula (1) is hydrogen or methyl; or a hydrate or pharmaceutically acceptable salt thereof.

16. (Previously Presented) The compound according to claim 1, wherein R₉ in Formula (1) is methyl, isopropyl, isobutyl, sec-butyl, tert-butyl, 3-pentyl, neopentyl, cyclohexyl, phenyl, benzyl, para-hydroxybenzyl, cyclohexylmethyl or para-fluorobenzyl; or a hydrate or pharmaceutically acceptable salt thereof.

17. (Previously Presented) The compound according to claim 1, wherein R₂₀ in Formula (1) is hydrogen or methyl; or a hydrate or pharmaceutically acceptable salt thereof.

18. (Previously Presented) The compound according to claim 1, wherein R₁₀ in Formula (1) is hydrogen or methyl; or a hydrate or pharmaceutically acceptable salt thereof.

19. (Previously Presented) The compound according to claim 1, wherein R₁₁ in Formula (1) is methyl, hydroxymethyl, carbamoylmethyl, methanesulfonylmethyl, ureidemethyl, sulfamoylaminomethyl, methanesulfonylaminomethyl, carbamoyl, ethylcarbamoyl, n-propylcarbamoyl, isopropylcarbamoyl, cyclopropylcarbamoyl, tertbutylcarbamoyl, methoxycarbamoyl, methylcarbamoyl, methanesulfonylmethylcarbamoyl, methoxymethylcarbamoyl, ; or a hydrate or pharmaceutically acceptable salt thereof.

20. (Previously Presented) The compound according to claim 1, wherein R₁₂ in Formula (1) is hydroxy; or a hydrate or pharmaceutically acceptable salt thereof.

21. (Previously Presented) The compound according to claim 1, wherein R₁₃ in Formula (1) is isopropyl, tert-butyl (tBu), 1,1-dimethylpropyl or 1,1-dimethyl-2-propenyl; or a hydrate or pharmaceutically acceptable salt thereof.

22. (Previously Presented) The compound according to claim 1, wherein in Formula (1) Cy is a group of Formula (2) in which at least one of R₁, R₂, R₃, R₄ and R₅ is halogen and the others are hydrogen or hydroxy;
R₆ is hydrogen or methyl;
R₇ is hydrogen or optionally substituted amino;
R₈ is hydrogen or methyl;

R₉ is methyl, isopropyl, isobutyl, sec-butyl, tert-butyl, 3-pentyl, neopentyl, cyclohexyl, phenyl, benzyl, para-hydroxybenzyl, para-fluorobenzyl or cyclohexylmethyl; R₂₀ is hydrogen;

R₁₀ is hydrogen or methyl;

R₁₁ is methyl, hydroxymethyl, carbamoylmethyl, methanesulfonylmethyl, ureidemethyl, sulfamoylaminomethyl, methanesulfonylaminomethyl, carbamoyl, methylcarbamoyl, ethylcarbamoyl, n-propylcarbamoyl, isopropylcarbamoyl, cyclopropylcarbamoyl, tert-butylcarbamoyl, , methanesulfonylmethylcarbamoyl, methoxymethylcarbamoyl, or methoxycarbamoyl, ;

R₁₂ is hydroxy;

R₁₃ is isopropyl, tert-butyl (tBu), 1,1-dimethylpropyl or 1,1-dimethyl-2-propenyl;

or a hydrate or pharmaceutically acceptable salt thereof.

23. (Original) The compound according to claim 1 which is selected from the group of compounds consisting of Phe(4-F)-N-Me-Val-N-Me-Tyr(3-tBu)-NH₂, Phe(4-Cl)-N-Me-Val-N-Me-Tyr(3-tBu)-NH₂, Phe(3,4-F₂)-N-Me-Val-N-Me-Tyr(3-tBu)-NH₂, Phe(3-F)-N-Me-Val-N-Me-Tyr(3-tBu)-NH₂, Phe(4-F)-N-Me-Val-N-Me-Tyr(3-tBu)-NHOMe, 2-((2-amino-3-(4-fluorophenyl)propionyl)-N-methylamino)-3-methylbutyric acid 2-(3-tertbutyl-4-hydroxyphenyl)-1-(2-pyridylcarbamoyl)ethylamide, N-(2-(2-(2-amino-3-(4-fluorophenyl)propionyl)-N-methylamino)-3-methylbutyrylamino)-3-(3-tBu-4-hydroxyphenyl)propyl)urea, N-(2-(2-(2-amino-3-(4-fluorophenyl)propanoyl-N-methylamino)-3-methylbutyrylamino)-3-(3-tertbutyl-4-hydroxyphenyl)propyl)sulfamide, N-[2-(3-tertbutyl-4-hydroxyphenyl)-1-(methanesulfonylaminomethyl)ethyl]-2-[N-(4-fluorophenylalanyloyl)methylamino]-3-methylbutanamide, 2-((2-

amino-3-(4-fluorophenyl)propionyl)-N-methylamino)-3-methylbutyric acid 2-(3-t-butyl-4-hydroxyphenyl)-1-carbamidemethylethylamide, 2-((2-amino-3-(4-fluorophenyl)propionyl)-N-methylamino)-3-methylbutyric acid 2-(3-t-butyl-4-hydroxyphenyl)-1-methanesulfonylmethylethylamide, 2-(2-((2-amino-3-(4-fluorophenyl)propionyl)-N-methylamino)-3-methylbutyrylamino)-3-(3-tBu-4-hydroxyphenyl)propanol, 2-(1-(2-((2-amino-3-(4-fluorophenyl)propionyl)-N-methylamino)-3-methylbutyrylamino)-2-(3-tertbutyl-4-hydroxyphenyl)ethyl)-6-methyl-4-pyrimidinone, 2-((2-amino-3-(4-fluorophenyl)propionyl)-N-methylamino)-3-methylbutyric acid 2-(3-t-butyl-4-hydroxyphenyl)-1-(1,3,4-oxadiazol-2-yl)ethylamide, 2-((2-amino-3-(4-fluorophenyl)propionyl)-N-methylamino)-3-methylbutyric acid 2-(3-t-butyl-4-hydroxyphenyl)-1-(1,2,4-oxadiazol-5-yl)ethylamide, 2-((2-amino-3-(4-fluorophenyl)propionyl)-N-methylamino)-3-methylbutyric acid 2-(3-tertbutyl-4-hydroxyphenyl)-1-(thiazol-2-yl)ethylamide, 2-((2-amino-3-(4-fluorophenyl)propionyl)-N-methylamino)-3-methylbutyric acid 2-(3-t-butyl-4-hydroxyphenyl)-1-(1,3,4-triazol-2-yl)ethylamide, Tyr(2-F)-N-Me-Val-N-Me-Tyr(3-tBu)-NH₂, Tyr(3-F)-N-Me-Val-N-Me-Tyr(3-tBu)-NH₂, Phe(4-F)-N-Me-Val-Tyr(3-tBu)-NH₂, N-Me-Phe(4-F)-N-Me-Val-Tyr(3-tBu)-NH₂, N-Et-Phe(4-F)-N-Me-Val-Tyr(3-tBu)-NH₂, Phe(4-F)-N-Me-Val-Tyr(3-tBu)-NHMe, N-Me-Phe(4-F)-N-Me-Val-Tyr(3-tBu)-NHMe, N-Et-Phe(4-F)-N-Me-Val-Tyr(3-tBu)-NHMe, N-Me-Phe(4-F)-N-Me-Val-N-Me-Tyr(3-tBu)-NH₂, N-Et-Phe(4-F)-N-Me-Val-N-Me-Tyr(3-tBu)-NH₂, Phe(4-F)-N-Me-Val-N-Me-Tyr(3-tBu)-NHMe, N-Me-Phe(4-F)-N-Me-Val-N-Me-Tyr(3-tBu)-NHMe, N-Et-Phe(4-F)-N-Me-Val-N-Me-Tyr(3-tBu)-NHMe, Phe(4-F)-N-Me-Val-N-Et-Tyr(3-tBu)-NH₂, N-Me-Phe(4-F)-N-Me-Val-N-Et-Tyr(3-tBu)-NH₂, N-Et-Phe(4-F)-N-Me-Val-N-Et-Tyr(3-tBu)-NH₂, Phe(4-F)-N-Me-Val-N-Et-Tyr(3-tBu)-NHMe, N-Me-Phe(4-F)-N-Me-Val-N-Et-Tyr(3-tBu)-NHMe, N-Et-Phe(4-F)-N-Me-Val-N-Et-Tyr(3-tBu)-NHMe, N-Et-

Phe (4-F) -N-Me-Val-N-Et-Tyr (3-tBu) -NHMe, Phe (4-F) -N-Me-Val-Tyr (3-tBu) -NHtBu, Phe (4-F) -N-Me-Val-N-Me-Tyr (3-tBu) -NHCH₂SO₂CH₃, Phe (4-F) -N-Me-Val-Tyr (3-tBu) -NHEt, N-Me-Phe (4-F) -N-Me-Val-Tyr (3-tBu) -NHEt, N-Et-Phe (4-F) -N-Me-Val-Tyr (3-tBu) -NHEt, Phe (4-F) -N-Me-Val-Tyr (3-tBu) -NHCH₂OH, N-Me-Phe (4-F) -N-Me-Val-Tyr (3-tBu) -NHCH₂OH, N-Et-Phe (4-F) -N-Me-Val-Tyr (3-tBu) -NHCH₂OH, Phe (4-F) -N-Me-Val-N-Me-Tyr (3-tBu) -NHEt, N-Me-Phe (4-F) -N-Me-Val-N-Me-Tyr (3-tBu) -NHEt, Phe (4-F) -N-Me-Val-N-Me-Tyr (3-tBu) -NHCH₂OH, N-Me-Phe (4-F) -N-Me-Val-N-Me-Tyr (3-tBu) -NHCH₂OH, N-Et-Phe (4-F) -N-Me-Val-N-Et-Tyr (3-tBu) -NHEt, N-Me-Phe (4-F) -N-Me-Val-N-Et-Tyr (3-tBu) -NHEt, N-Et-Phe (4-F) -N-Me-Val-N-Et-Tyr (3-tBu) -NHEt, Phe (4-F) -N-Me-Val-N-Et-Tyr (3-tBu) -NHCH₂OH, N-Me-Phe (4-F) -N-Me-Val-N-Et-Tyr (3-tBu) -NHCH₂OH, N-Et-Phe (4-F) -N-Me-Val-N-Et-Tyr (3-tBu) -NHCH₂OH, Phe (4-F) -N-Me-Val-N-Me-Tyr (3-tBu) -NHcPr, and Phe (4-F) -N-Me-Val-Tyr (3-tBu) -NHnPr Phe (4-F) -N-Me-Val-Tyr (3-tBu) -NHiPr; or a hydrate or pharmaceutically acceptable salt thereof.

24. (Previously Presented) A pharmaceutical composition containing an effective amount of the compound according to claim 1 as an active ingredient and an inert pharmaceutically acceptable carrier.

25. (Previously Presented) A motilin receptor antagonist composition containing an effective amount of the compound according to claim 1 and an inert pharmaceutically acceptable carrier.

Claims 26-27. (Cancelled)

28. (Previously Presented) A compound of Formula (4) :



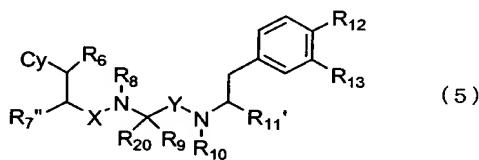
wherein

Cy, R₆, R₈, R₉, R₂₀, R₁₀, R₁₂, R₁₃, X and Y are as defined in claim 1;

R_{7'} is hydrogen, straight-chained or branched C₁₋₃alkyl optionally having at least one protected substituent, amino optionally having at least one protected substituent or protected hydroxy; and

R_{11''} is hydrogen, optionally substituted straight-chained or branched C₁₋₃alkyl, -CO-N(R₁₄)R₁₅, wherein R₁₄ and R₁₅ are as defined in claim 1, carboxyl, straight-chained or branched C₁₋₃alkyl having a protected amino; or a hydrate or pharmaceutically acceptable salt thereof.

29. (Previously Presented) A compound of Formula (5) :



wherein:

Cy, R₆, R₈, R₉, R₂₀, R₁₀, R₁₂, R₁₃, X and Y are as defined in claim 1;

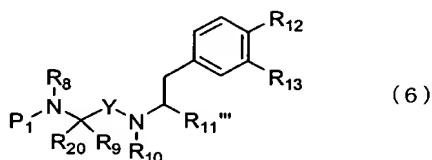
R_{7''} is hydrogen, straight-chained or branched C₁₋₃alkyl optionally having at least one optionally protected

substituent, amino optionally having at least one optionally protected substituent or optionally protected hydroxy; and

R₁₁' is hydrogen, straight-chained or branched C₁₋₃ alkyl optionally having at least one protected substituent, -CO-N(R₁₄)R₁₅ wherein R₁₄ and R₁₅ are as defined in claim 1, carboxyl

or a hydrate or pharmaceutically acceptable salt thereof.

30. (Currently Amended) A compound of Formula (6):



wherein:

R₈ is hydrogen, optionally-substituted straight-chained or branched C₁₋₃ alkyl, optionally substituted amino, or hydroxy;

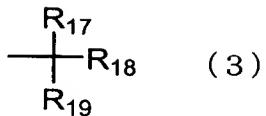
R₉, is optionally-substituted straight-chained or branched C₁₋₆ alkyl, optionally substituted straight-chained or branched C₂₋₆ alkenyl, optionally substituted straight-chained or branched C₂₋₆ alkynyl, C₃₋₇ cycloalkyl or optionally substituted phenyl;

R₂₀ is hydrogen or straight-chained or branched C₁₋₃ alkyl; or R₉ and R₂₀ may together form C₃₋₇ cycloalkyl;

R₁₀ is hydrogen or straight-chain or branched C₁₋₃ alkyl;

R₁₂ is hydroxy or OR₁₆;

R₁₃ is hydrogen, straight-chained or branched C₁₋₆ alkyl, straight-chained or branched C₂₋₆ alkenyl, straight-chained or branched C₂₋₆ alkynyl or a group of Formula (3)



Wherein R_{17} is hydrogen or methyl;
 R_{18} and R_{19} together form cycloalkenyl or C_{3-7} cycloalkenyl; and
 Y is carbonyl or methylene;
 P_1 is hydrogen or a protecting group of amine; and
 R_{11}''' is hydrogen, optionally substituted straight-chained or branched C_{1-3} alkyl, carboxyl, straight-chained or branched C_{1-3} alkyl having protected amino or an optionally substituted heterocyclic ring, or $-CO-N(R_{14})R_{15}$ wherein R_{14} and R_{15} , which may be the same or different, are hydrogen, optionally substituted straight-chained or branched C_{1-4} alkyl, C_{3-7} cycloalkyl, straight-chained or branched C_{1-4} alkoxy, straight-chained or branched C_{1-4} alkylsulfonyl or a heterocyclic ring, ~~carboxyl, straight chained or branched C_{1-3} alkyl having protected amino or an optionally substituted heterocyclic ring;~~
or a hydrate or pharmaceutically acceptable salt thereof.

Claims 31-34. (Canceled)